

# Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

## Yeti - Corundum Art.922-1050/922-1110/922-1250

### 1. Identification of the Substance/Preparation and of the Company/Undertaking

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Trade name:                   | Yeti Corundum, white                                  |
| Use:                          | Mineral abrasive for industrial use                   |
| Producer:                     | YETI Dentalprodukte GmbH                              |
| Street:                       | Industriestraße 3                                     |
| ZIP code / City:              | D-78234 Engen                                         |
| E-Mail:                       | sdb@yeti-dental.com                                   |
| Information about substances: | Tel.+49 77 33/94 10 0 FAX +49 77 33/94 10 22          |
| Emergency:                    | Tel.+49 77 33/94 10 0(Mo -Th. 8h -16h30, Fr. 8h- 14h) |

**Intended Use:** YETI White Fused Alumina is a mineral abrasive blasting material intended for the mechanical surface treatment of dental technical workpieces in dental laboratories. The product is intended exclusively for use by appropriately trained professional personnel in dental laboratory environments. It is used in particular for cleaning, roughening and matting the surfaces of dental technical workpieces. The product is not intended for use on humans or in the human body. Direct or indirect medical application to a patient is not intended. The fused alumina shall only be used in suitable blasting equipment intended for this purpose. Only a nozzle or attachment suitable for the respective particle size and approved by the manufacturer of the blasting equipment shall be used. When using the product, the instructions for use and application instructions provided by the manufacturer of the blasting equipment being used shall be observed.

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## 2. Composition / Information on Ingredients:

### 2.1 Classification

Does not fulfil the criteria for classification.

### 2.2 Labelling elements

Not required to be labelled according to CLP Regulation (EC) No. 1272/2008.

### 2.3 Safety instruction

Repeated inhaling of bigger dust amounts for a longer period raises the risk for illnesses of the lung. The product penetrates directly about the oral cavity or nasal cavity.

## 3. Composition / information on component parts:

| Individual substances | NK (average) | NK Micro (average) | EK (average) | EK Micro (average) | EKR (average) |
|-----------------------|--------------|--------------------|--------------|--------------------|---------------|
| Aluminum oxide        | 95,65%       | 95,77%             | 99,73%       | 99,69%             | 99,30%        |
| Titanium dioxide      | 2,42%        | 2,79%              | -            | -                  | -             |

| Chemical description | EINECS    | CAS Nr.    | REACH Reference No.   |
|----------------------|-----------|------------|-----------------------|
| Aluminum oxide       | 215-691-6 | 1344-28-1  | 01-2119529248-35-0010 |
| Titanium dioxide     | 236-675-5 | 13463-67-7 | -                     |

## 4. First-Aid Measures:

After Skin contact:

Wash off with water, rinse.

After Eye contact:

Immediately begin rinsing eyes out with running water and continue with eyes open for 10 to 15 minutes

After Inhalation:

Get fresh air and take a resting position that facilitates breathing. Consult a doctor in case of complaints.

After swallowing:

Rinse mouth and drink plenty of water after. Do not induce vomiting. Consult a doctor.

## 5. Fire-Fighting Measures:

Suitable extinguishing media:

Adapt fire-extinguishing measures to the circumstances in question.

Non-suitable extinguishing media:

None known.

Other hazards:

None known.

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Protective equipment: None.  
The product itself is not flammable

## 6. Accidental Release Measures:

Personal precautions: Avoid stirring up dust.

Environmental precautions: No specific measures.

Methods for cleaning up: Take up by mechanical means and dispose of waste material in accordance with environmental regulations.

**Note safety instructions in sections 7 and 8.**

## 7. Handling and Storage:

### Handling

Indications for a safe handling: Avoid stirring up dust.  
For safety reasons, the use of a protective strainer is recommended during the filling process.

### Storage

Requirements for storage: Store in dry rooms and closed boxes.

Storage classification: LGK 13 (Non-flammable solids)

Further indications for storage conditions: No indications

## 8. Exposure Controls / Personal Protection Equipment:

### 8.1 Parameters to be monitored.

#### Occupational exposure limit values and/or biological limit values

Occupational Limited Values (OELs) Germany for Dust:

Inherent portion €: 10mg/m<sup>3</sup>

Alveol-containing portion (A): 1,25mg/m<sup>3</sup>

With an overshoot factor of 2lt each. TRGS 900

#### Protective equipment:

Hand protection: Wear protective gloves.

Eye protection: Wear protective goggles.

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Respiratory protection: Dust mask needed only if dust is being stirred up. Fine dust mask providing protection level P1 necessary only if MAK value is exceeded.

General precautions for hygiene: Do not smoke, eat, or drink during work.  
Avoid contact with skin, eyes, and clothes.

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## 9. Physical and Chemical Properties:

Appearance: solid  
Color: white / brown / pink  
Smell: neutral

Melting point: about 2000°C

Flashpoint: Does not apply.

Ignition temperature: Does not apply.

Lower explosion limit: Does not apply.

Upper explosion limit: Does not apply.

Density: 3,9-4,1 g/cm<sup>3</sup>

Solubility in water: Not soluble

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## 10. Stability and Reactivity:

Reactivity: Not reactive. Does not change when handled and stored properly.

Chemical Stability: Stable under normal conditions

Hazardous reactions: None known.

To be avoided: No decomposition if used as directed

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## 11. Toxicological Information:

Acute toxicity: none known.

Skin irritation: none known.

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Eyes irritation: none known.

Sensitization: none known.

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## 12. Ecological Information:

- Toxically ecological effects

| <u>Components</u> | <u>Type</u> | <u>Value</u> | <u>Species</u> |
|-------------------|-------------|--------------|----------------|
| -                 | -           | -            | -              |

- Further ecological hints: According to previous experience this product is inert and non-bradable.

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## 13. Disposal Considerations:

If utilization is not possible, waste be disposed of in accordance with national and local regulations. Agree the exact waste key with the waste disposal company.

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## 14. Transport information:

Belongs not to dangerous goods in terms of forwarding regulations.

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## 15. Regulatory Information:

Labelling in accordance with European Community directives.

|                |                 |
|----------------|-----------------|
| Hazard symbols | Does not apply. |
| Code letters   | Does not apply. |

|           |                                    |
|-----------|------------------------------------|
| R-Phrases | Does not apply.<br>Does not apply. |
|-----------|------------------------------------|

|           |                                  |
|-----------|----------------------------------|
| S-Phrases | Not applicable<br>Not applicable |
|-----------|----------------------------------|

National Regulations:

|                    |                                                                                          |
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| Water hazard class | Does not constitute a danger to water under VwVwS of 27 <sup>th</sup> July 2005, Annex 1 |
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International Regulations:

All ingredients of the corundum are TSCA, AICS, DSL/NDL, KECL, ENCS, PICCS, ICES, NZIoC, TCSCA and KKDIK listed.

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## 16. Other Information:

No other information

The statements of this Safety Data Sheet correlate to our actual status of knowledge and comply with the national and European regulations. The other working conditions of the user are not subject to our control and knowledge. The product must not be used for any other purpose than indicated in Part 1 without written permission. The user is responsible for respecting all necessary legal regulations.

The safety data sheet serves as description of products regarding necessary safety measures. The indications do not have the meaning of guarantees on properties and do not establish a contractual legal relationship.